

MARTIN® WHIRLWIND™ High-Frequency Turbine Vibrator

The unique urethane-encapsulated turbine in the **MARTIN® WHIRLWIND™ High-Frequency Turbine Vibrator** produces more power with less noise than any other high-force/high-frequency pneumatic turbine vibrator. With an output of over 10,000 lb-f (45 kN), depending on the application, the **MARTIN® WHIRLWIND™ High-Frequency Turbine Vibrator** doubles the force output of the most powerful competitive models. Units mount easily to cradle lug brackets or railcar wedge brackets, and operate quietly to meet OSHA noise requirements.



BENEFITS

- Moves More Material**
 Larger unbalance creates greater force output to move your material.
- Saves Your Hearing**
 Testing shows noise level from 6 to 10 dB less than competitive models and within OSHA noise limits.
- One-Worker Portability**
 Built-in handle provides easy portability for use in railcar unloading or on pre-cast forms applications.
- Reduces Maintenance Costs**
 Long-life, high-speed sealed bearings need no lubrication.
- Reduces Your Investment**
 Longer life and lower air consumption than competitive models cuts your lifetime cost of ownership.
- Satisfaction Guaranteed**
 Covered by Martin Engineering's *Absolutely, Positively, No Excuses* Guarantee.

TYPICAL APPLICATIONS

- Concrete Consolidation**
 Allows fast placement and high-strength consolidation, provides excellent surface finish. High force reduces the number of vibrators required per form; low air consumption cuts operating costs.
- Railcar Unloading**
 High frequency and high force provide efficient unloading of compacted fine powders like dry chemicals or foodstuffs.
- Permanent or Portable Mounting**
 For applications like material compaction, storage vessel evacuation, or material feeding.

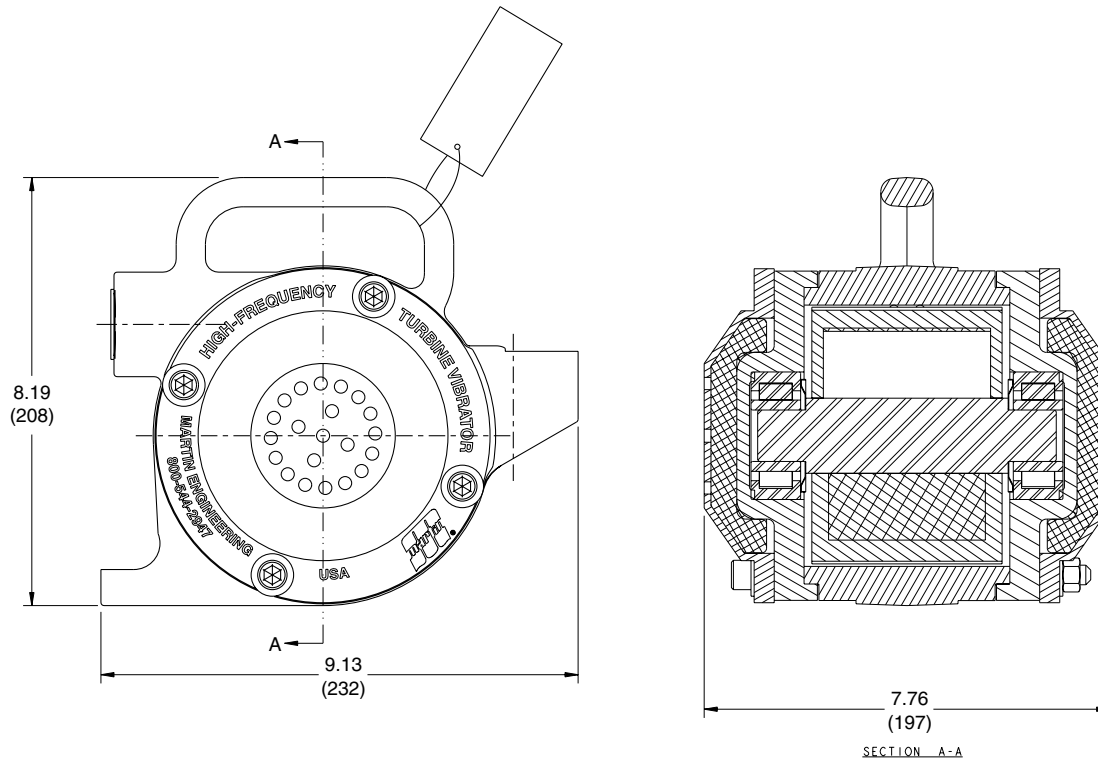
SPECIFICATIONS

*	40 psi (2.76 bar)	60 psi (4.14 bar)	80 psi (5.51 bar)
Frequency VPM	6500	8400	9300
Force Output lb-f (kg-f)	5158 (2340)	8615 (3908)	10,560 (4790)
Air Consumption as measured on Dwyer gauge cfm (L/min)	21 (595)	25 (708)	28 (793)

* Results from a 10,000 lb (4535.9 kg) test block.

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DIMENSIONS—in. (mm)



ORDER INFORMATION

	P/N	Shipping Weight lb (kg)
Vibrator	37628	38 (17.2)
Vibrator w/Cradle Lug Bracket	37628-C	48 (21.8)
Vibrator w/Wedge Bracket	37628-W	64 (29.0)



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ISO 9001:2008